EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--------------|-----|------------------|---------|------------|
| L17 | 1 | "6314631".pn. | US-PGPUB; USPAT | ADJ | ON | 2008/04/25 16:24 |
| L18 | 1 | "6510365".pn. | US-PGPUB; USPAT | ADJ | ON | 2008/04/25 16:25 |
| L19 | 1 | "5762745".pn. | US-PGPUB; USPAT | ADJ | ON | 2008/04/25 16:32 |
| L20 | 1 | "6217212".pn. | US-PGPUB; USPAT | ADJ | ON | 2008/04/25 16:32 |
| S1 | 1489 | hosokawa.in. | US-PGPUB; USPAT | OR | ON | 2007/06/12 14:23 |
| S2 | 11568 | (akihiro hosokawa).in. | US-PGPUB; USPAT | OR | ON | 2007/06/12 14:20 |
| S3 | 0 | (akihiro adj hosokawa).in. | US-PGPUB; USPAT | OR | ON | 2007/06/12 14:20 |
| S4 | 0 | dongchoon adj suh.in. | US-PGPUB; USPAT | OR | ON | 2007/06/12 14:22 |
| S5 | 1837 | suh.in. | US-PGPUB; USPAT | OR | ON | 2007/06/12 14:22 |
| S6 | 8773 | nguyen.in. | US-PGPUB; USPAT | OR | ON | 2007/06/12 14:22 |
| S7 | 10156 | akihiro.in. | US-PGPUB; USPAT | OR | ON | 2007/06/12 14:23 |
| S8 | 77 | S7 and S1 | US-PGPUB; USPAT | OR | ON | 2007/06/12 14:52 |
| S9 | 5 | dongchoon.in. | US-PGPUB; USPAT | OR | ON | 2007/06/12 14:52 |
| S10 | 12118 | hung.in. | US-PGPUB; USPAT | OR | ON | 2007/09/27 20:37 |
| S11 | 1457 | the.in. | US-PGPUB; USPAT | OR | ON | 2007/06/12 14:53 |
| S12 | 3 | S10 and S11 and S6 | US-PGPUB; USPAT | OR | ON | 2007/06/12 14:53 |
| S14 | 1717 | (700/245).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/06/12 18:34 |
| S15 | 260 | (700/244).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/06/12 18:44 |
| S18 | 269 | (700/254).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/06/12 18:53 |
| S19 | 283 | (700/262).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/06/13 10:24 |
| S20 | 60 | (700/256).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/06/13 10:34 |
| S21 | 540 | (700/259).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/06/13 10:36 |
| S22 | 292 | (700/248).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/06/13 11:08 |

| S23 | 1717 | (700/245).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/06/13 11:09 |
|-----|------|-----------------|-----------------|-----|-----|------------------|
| S24 | 516 | (temperature or climate or heat or cold or thermal or warmth) and S23 | US-PGPUB; USPAT | OR | ON | 2007/06/13 11:14 |
| S25 | 95341 | centerline | US-PGPUB; USPAT | OR | ON | 2007/06/14 11:01 |
| S26 | 620 | S25 and "700".clas. | US-PGPUB; USPAT | OR | ON | 2007/10/25 09:19 |
| S27 | 183536 | axis same (room or chamber or cell enclosure) | US-PGPUB; USPAT | OR | ON | 2007/06/14 11:15 |
| S28 | 755 | S27 and "700".clas. | US-PGPUB; USPAT | OR | ON | 2007/06/14 11:37 |
| S29 | 1071 | hub and "700".clas. | US-PGPUB; USPAT | OR | ON | 2007/06/14 11:16 |
| S30 | 106 | (hub same (room or chamber or cell or enclosure)) and "700".clas. | US-PGPUB; USPAT | OR | ON | 2007/06/14 11:54 |
| S31 | 2 | 10/406644.app. | US-PGPUB; USPAT | OR | ON | 2007/06/14 11:54 |
| S32 | 1 | ("5102280").PN. | US-PGPUB; USPAT | OR | OFF | 2007/06/18 14:27 |
| S33 | 1 | ("5224809").PN. | US-PGPUB; USPAT | OR | OFF | 2007/06/18 15:05 |
| S34 | 0 | ("6069096|6085125").PN. | US-PGPUB; USPAT | OR | OFF | 2007/06/18 15:05 |
| S35 | 0 | ("6069096|6085125").PN. | US-PGPUB; USPAT | OR | OFF | 2007/06/18 15:06 |
| S36 | 1 | ("6069096").PN. | US-PGPUB; USPAT | OR | OFF | 2007/06/18 15:07 |
| S37 | 1 | ("6085125").PN. | US-PGPUB; USPAT | OR | OFF | 2007/06/18 15:08 |
| S38 | 1 | ("6163946").PN. | US-PGPUB; USPAT | OR | OFF | 2007/06/18 15:08 |
| S39 | 1 | ("6176668").PN. | US-PGPUB; USPAT | OR | OFF | 2007/06/18 15:09 |
| S40 | 1 | ("6213704").PN. | US-PGPUB; USPAT | OR | OFF | 2007/06/18 15:12 |
| S41 | 1 | ("6235634").PN. | US-PGPUB; USPAT | OR | OFF | 2007/06/18 15:22 |
| S42 | 1 | ("6242879").PN. | US-PGPUB; USPAT | OR | OFF | 2007/06/18 15:23 |
| S43 | 1 | ("6286688").PN. | US-PGPUB; USPAT | OR | OFF | 2007/06/18 15:23 |
| S44 | 1 | ("6314631").PN. | US-PGPUB; USPAT | OR | OFF | 2007/06/18 15:23 |

| S45 | 21 | (US-20050137751-$ or US-20070112465-$ or US-20040199291-$ or US-20030185664-$ or US-20030060922-$ or US-20030083776-$ or US-20020029093-$ or US-20010001839-$).did. or (US-6257045-$ or US-6205870-$ or US-7039501-$ or US-7107125-$ or US-6577923-$ or US-6327517-$ or US-6549825-$ or US-6510365-$ or US-5535306-$ or US-6516244-$ or US-6556887-$ or US-6430468-$ or US-6074443-$).did. | US-PGPUB; USPAT | OR | ON | 2007/06/19 11:27 |
| S46 | 21 | time and S45 | US-PGPUB; USPAT | OR | ON | 2007/06/19 11:41 |
| S47 | 2 | ((duration same time) or (tracking same time) or (interval)) and S45 | US-PGPUB; USPAT | OR | ON | 2007/06/19 11:34 |
| S48 | 0 | (10/802363.app.).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/06/20 18:50 |
| S49 | 1 | 10/802363.app. | US-PGPUB; USPAT | OR | ON | 2007/06/20 18:51 |
| S50 | 19 | (US-20070112465-$ or US-20040199291-$ or US-20030185664-$ or US-20030083776-$ or US-20030060922-$ or US-20010001839-$ or US-20020029093-$).did. or (US-6205870-$ or US-6257045-$ or US-5535306-$ or US-6327517-$ or US-6577923-$ or US-6549825-$ or US-6510365-$ or US-6516244-$ or US-6556887-$ or US-7039501-$ or US-6430468-$ or US-6074443-$).did. | US-PGPUB; USPAT | OR | ON | 2007/09/25 17:50 |
| S51 | 12 | S50 and temperature | US-PGPUB; USPAT | OR | ON | 2007/09/25 18:02 |
| S52 | 249 | (702/99).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/09/25 18:17 |
| S53 | 685 | (702/130).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/09/25 18:24 |
| S57 | 1111 | (438/16).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/09/25 18:09 |
| S58 | 0 | (438/1654).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/09/25 18:10 |
| S61 | 263 | (700/253).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/09/26 09:28 |
| S62 | 276 | (700/250).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/09/26 09:34 |
| S63 | 439 | (700/258).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/09/26 09:44 |
| S64 | 220 | (438/54).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/09/26 14:28 |
| S65 | 243 | (438/799).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/09/26 14:24 |

| S66 | 28 | (US-20030060922-$ or US-20030185664-$ or US-20040199291-$ or US-20020029093-$ or US-20010001839-$ or US-20070112465-$ or US-20030083776-$ or US-20030236642-$).did. or (US-6074443-$ or US-6430468-$ or US-6205870-$ or US-6257045-$ or US-5535306-$ or US-6510365-$ or US-7107125-$ or US-6516244-$ or US-7039501-$ or US-6577923-$ or US-6522942-$ or US-6549825-$ or US-6327517-$ or US-6856863-$ or US-6556887-$ or US-4899297-$ or US-6438449-$ or US-7057711-$ or US-7245989-$ or US-5578520-$).did. | US-PGPUB; USPAT | OR | ON | 2007/09/26 14:28 |
|------|------|------|------|------|------|------|
| S67 | 16 | S66 and temperature | US-PGPUB; USPAT | OR | ON | 2007/09/26 14:29 |
| S68 | 97609 | centerline | US-PGPUB; USPAT | OR | ON | 2007/09/27 20:38 |
| S69 | 12796 | S68 and substrate | US-PGPUB; USPAT | OR | ON | 2007/09/27 20:38 |
| S70 | 99 | S69 and (transfer adj chamber) | US-PGPUB; USPAT | OR | ON | 2007/09/28 16:39 |
| S71 | 97609 | centerline | US-PGPUB; USPAT | OR | ON | 2007/09/28 16:39 |
| S72 | 12796 | S71 and substrate | US-PGPUB; USPAT | OR | ON | 2007/09/28 16:39 |
| S73 | 185 | S72 and (detect same centerline) | US-PGPUB; USPAT | OR | ON | 2007/09/28 16:57 |
| S74 | 141 | (brooks adj automation).as. | US-PGPUB; USPAT | OR | ON | 2007/09/28 18:23 |
| S75 | 3678 | cluster adj tool | US-PGPUB; USPAT | OR | ON | 2007/09/28 18:23 |
| S76 | 1282 | S75 and sensor | US-PGPUB; USPAT | OR | ON | 2007/09/28 18:23 |
| S77 | 2 | S76 and misalign | US-PGPUB; USPAT | OR | ON | 2007/09/28 18:31 |
| S78 | 1277 | S76 not S74 | US-PGPUB; USPAT | OR | ON | 2007/09/28 18:33 |
| S79 | 493 | S78 and alignment | US-PGPUB; USPAT | OR | ON | 2007/09/28 18:34 |
| S80 | 3678 | cluster adj tool | US-PGPUB; USPAT | OR | ON | 2007/10/01 12:10 |
| S81 | 2953 | S80 and temperature | US-PGPUB; USPAT | OR | ON | 2007/10/01 12:10 |
| S82 | 523 | S81 and (model or modeling) | US-PGPUB; USPAT | OR | ON | 2007/10/01 12:14 |
| S83 | 512 | S82 and time | US-PGPUB; USPAT | OR | ON | 2007/10/01 12:15 |
| S84 | 459 | S83 and (@ad<="20030512" OR @pd<="20030512" OR @prad<="20030512" OR @rlad<="20030512") | US-PGPUB; USPAT | OR | ON | 2007/10/22 20:18 |
| S85 | 380 | S84 not (applied adj materials).as. | US-PGPUB; USPAT | OR | ON | 2007/10/01 12:33 |

| S86 | 64 | S85 and (temperature same (model or modeling)) | US-PGPUB; USPAT | OR | ON | 2007/10/01 13:56 |
|-----|------|------|------|------|------|------|
| S87 | 3678 | cluster adj tool | US-PGPUB; USPAT | OR | ON | 2007/10/01 13:56 |
| S88 | 37 | S87 and (elapsed adj time) | US-PGPUB; USPAT | OR | ON | 2007/10/01 13:56 |
| S89 | 2953 | S87 and temperature | US-PGPUB; USPAT | OR | ON | 2007/10/01 14:04 |
| S90 | 523 | S89 and (model or modeling) | US-PGPUB; USPAT | OR | ON | 2007/10/01 14:04 |
| S91 | 512 | S90 and time | US-PGPUB; USPAT | OR | ON | 2007/10/01 14:04 |
| S92 | 459 | S91 and (@ad<="20030512" OR @pd<="20030512" OR @prad<="20030512" OR @rlad<="20030512") | US-PGPUB; USPAT | OR | ON | 2007/10/01 14:12 |
| S93 | 1 | ("6689519").PN. | US-PGPUB; USPAT | OR | OFF | 2007/10/01 15:59 |
| S94 | 71 | S87 and (((transfer adj chamber) and (process adj chamber)) same (axis or center)) | US-PGPUB; USPAT | OR | ON | 2007/10/01 16:08 |
| S95 | 29 | ("20020078770" \| "20020092369" \| "20020101508" \| "20030001083" \| "20030055533" \| "20030198376" \| "20030202092" \| "20040039486" \| "20040101633" \| "20050021177" \| "20050153073" \| "4819167" \| "5452521" \| "5483138" \| "5538385" \| "5844683" \| "5917601" \| "5980194" \| "6002840" \| "6051113" \| "6198976" \| "6244121" \| "6275748" \| "6313596" \| "6366830" \| "6453214" \| "6468816" \| "6618645" \| "6648730").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/10/01 16:51 |
| S96 | 0 | ("(6556887\|6430468\|6526244\|5535306\|6510365\|6327517\|6549825\|7039501\|6205870\|6257045).pn.").PN. | US-PGPUB; USPAT | OR | OFF | 2007/10/02 11:50 |
| S97 | 0 | ("(6556887\|6430468\|6526244\|5535306\|6510365\|6327517\|6549825\|7039501\|6205870\|6257045)").PN. | US-PGPUB; USPAT | OR | OFF | 2007/10/02 11:50 |
| S98 | 0 | ("6556887\|6430468\|6526244\|5535306\|6510365\|6327517\|6549825\|7039501\|6205870\|6257045").PN. | US-PGPUB; USPAT | OR | OFF | 2007/10/02 11:51 |
| S99 | 11 | ("6556887" \| "6430468" \| "6526244" \| "5535306" \| "6510365" \| "6327517" \| "6549825" \| "7039501" \| "6205870" \| "6257045" \| "20070112465").PN. | US-PGPUB; USPAT | OR | OFF | 2007/10/02 11:52 |
| S100 | 1054 | 700/213 | US-PGPUB; USPAT | OR | ON | 2007/10/22 15:21 |
| S101 | 457 | 700/218 | US-PGPUB; USPAT | OR | ON | 2007/10/22 14:49 |
| S102 | 5 | S100 and (empirical adj data) | US-PGPUB; USPAT | OR | ON | 2007/10/22 15:05 |

file:///C/Documents%20and%20Settings/nkiswanto/My%20...2363/EASTSearchHistory.10802363_AccessibleVersion.htm (5 of 8)4/25/2008 4:40:05 PM

| S103 | 14 | S100 and (empiric$2 or experiential or experimental or observ$6 or factual) adj (data or datum or fact$2 or figure$2 or result$2 or measurement$2) | US-PGPUB; USPAT | OR | ON | 2007/10/22 15:19 |
|------|-----|---|---|---|---|---|
| S104 | 178 | S100 and substrate | US-PGPUB; USPAT | OR | ON | 2007/10/22 15:21 |
| S105 | 137 | S101 and substrate | US-PGPUB; USPAT | OR | ON | 2007/10/22 15:24 |
| S106 | 117 | S105 and (@ad<="20030512" OR @pd<="20030512" OR @prad<="20030512" OR @rlad<="20030512") | US-PGPUB; USPAT | OR | ON | 2007/10/22 15:49 |
| S107 | 135 | S104 and (@ad<="20030512" OR @pd<="20030512" OR @prad<="20030512" OR @rlad<="20030512") | US-PGPUB; USPAT | OR | ON | 2007/10/22 15:24 |
| S108 | 41 | S107 and temperature | US-PGPUB; USPAT | OR | ON | 2007/10/22 15:49 |
| S109 | 44 | S106 and temperature | US-PGPUB; USPAT | OR | ON | 2007/10/22 20:18 |
| S110 | 663 | (414/939).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/10/22 20:18 |
| S111 | 0 | ("l5andtemperature").PN. | US-PGPUB; USPAT | OR | OFF | 2007/10/22 20:18 |
| S112 | 252 | S110 and temperature | US-PGPUB; USPAT | OR | ON | 2007/10/22 20:18 |
| S113 | 242 | S112 and (@ad<="20030512" OR @pd<="20030512" OR @prad<="20030512" OR @rlad<="20030512") | US-PGPUB; USPAT | OR | ON | 2007/10/22 20:21 |
| S114 | 211 | S113 not (applied adj materials).as. | US-PGPUB; USPAT | OR | ON | 2007/10/22 20:37 |
| S115 | 1 | S110 and ((room or chamber) adj (contract or expand)) | US-PGPUB; USPAT | OR | ON | 2007/10/22 20:38 |
| S116 | 5 | S110 and ((room or chamber) adj (contract$4 or expan$4)) | US-PGPUB; USPAT | OR | ON | 2007/10/22 20:39 |
| S117 | 1054 | 700/213 | US-PGPUB; USPAT | OR | ON | 2007/10/22 20:39 |
| S118 | 0 | S117 and ((room or chamber) adj (contract$4 or expan$4)) | US-PGPUB; USPAT | OR | ON | 2007/10/22 20:39 |
| S119 | 457 | 700/218 | US-PGPUB; USPAT | OR | ON | 2007/10/22 20:39 |
| S120 | 0 | S119 and ((room or chamber) adj (contract$4 or expan$4)) | US-PGPUB; USPAT | OR | ON | 2007/10/22 20:39 |
| S121 | 11 | ("5102280" | "5224809" | "6069096" | "6085125" | "6163946" | "6176668" | "6213704" | "6235634" | "6242879" | "6286688" | "6314631").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/10/24 10:02 |
| S122 | 7 | S121 and temperature | US-PGPUB; USPAT; USOCR | OR | ON | 2007/10/24 10:02 |
| S123 | 1 | ("5180276").PN. | US-PGPUB; USPAT | OR | OFF | 2007/10/25 09:19 |

| S124 | 35 | (US-20070112465-$ or US-20030021671-$).did. or (US-6257045-$ or US-6205870-$ or US-7039501-$ or US-6556887-$ or US-6577923-$ or US-6549825-$ or US-6510365-$ or US-6327517-$ or US-5535306-$ or US-6944517-$ or US-6430468-$ or US-6698944-$ or US-6176668-$ or US-6213704-$ or US-5483138-$ or US-6682288-$ or US-6530733-$ or US-6689519-$ or US-6648730-$ or US-6526244-$ or US-6950181-$ or US-6746237-$ or US-6526329-$ or US-6203617-$ or US-6936134-$ or US-5909995-$).did. or (US-5833425-$ or US-4042128-$ or US-6773158-$ or US-6732610-$ or US-5310410-$ or US-5571330-$ or US-4699554-$).did. | US-PGPUB; USPAT | OR | ON | 2007/10/25 09:20 |
|------|-----|------|------|------|------|------|
| S125 | 3 | S124 and (temperature adj sensor) | US-PGPUB; USPAT | OR | ON | 2007/10/25 09:20 |
| S126 | 1 | ("5762745").PN. | US-PGPUB; USPAT | OR | OFF | 2007/10/28 01:52 |
| S127 | 1 | ("6217212").PN. | US-PGPUB; USPAT | OR | OFF | 2007/10/28 01:52 |
| S128 | 6 | ("4951601" \| "5102280" \| "5931626" \| "6195619" \| "6327512" \| "6459947").PN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/04/17 16:00 |
| S129 | 1 | S128 and temperature | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/04/17 16:03 |
| S130 | 6 | ("4951601" \| "5102280" \| "5931626" \| "6195619" \| "6327512" \| "6459947").PN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/04/17 17:58 |
| S131 | 3951 | cluster adj tool | US-PGPUB; USPAT | OR | ON | 2008/04/17 18:06 |
| S132 | 694 | S131 and (temperature same process chamber) | US-PGPUB; USPAT | ADJ | ON | 2008/04/17 18:06 |
| S133 | 417 | S132 not (applied materials).as. | US-PGPUB; USPAT | ADJ | ON | 2008/04/17 18:06 |
| S134 | 0 | ("l40and(shiftsameprocesschamber)").PN. | US-PGPUB; USPAT | OR | OFF | 2008/04/17 18:07 |
| S135 | 5 | S133 and (shift same process chamber) | US-PGPUB; USPAT | ADJ | ON | 2008/04/17 18:07 |
| S136 | 7 | S133 and (exchange position) | US-PGPUB; USPAT | ADJ | ON | 2008/04/17 18:09 |
| S137 | 6 | ("4951601" \| "5102280" \| "5931626" \| "6195619" \| "6327512" \| "6459947").PN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/04/23 11:41 |
| S138 | 5 | dongchoon.in. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/04/23 11:43 |
| S139 | 637 | (700/213).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/04/23 14:06 |
| S140 | 265921 | (chamber or room or platform or stage or table) near4 (mov$4 or shift$3) | US-PGPUB; USPAT | ADJ | ON | 2008/04/23 14:12 |

| S141 | 84 | S139 and S140 | US-PGPUB; USPAT | ADJ | ON | 2008/04/23 14:14 |
|------|-----|---------------|-----------------|-----|-----|------------------|
| S142 | 35 | (US-20070112465-$ or US-20030021671-$).did. or (US-6257045-$ or US-6205870-$ or US-7039501-$ or US-6577923-$ or US-6510365-$ or US-6549825-$ or US-6327517-$ or US-5535306-$ or US-6556887-$ or US-6944517-$ or US-6430468-$ or US-6698944-$ or US-6213704-$ or US-6176668-$ or US-5483138-$ or US-6682288-$ or US-6530733-$ or US-6526244-$ or US-6950181-$ or US-6689519-$ or US-6648730-$ or US-6746237-$ or US-6526329-$ or US-6203617-$ or US-6936134-$ or US-5833425-$).did. or (US-4042128-$ or US-5571330-$ or US-4699554-$ or US-6732610-$ or US-6773158-$ or US-5909995-$ or US-5310410-$).did. | US-PGPUB; USPAT | ADJ | ON | 2008/04/23 15:36 |
| S143 | 5 | S142 and teach$3 | US-PGPUB; USPAT | ADJ | ON | 2008/04/23 15:36 |
| S144 | 637 | (700/213).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/04/23 17:47 |
| S145 | 16 | S144 and (temperature near3 (chamber or room)) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/04/23 17:47 |

4/25/2008 4:39:56 PM
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